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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
|-----------------|-------------|----------------------|---------------------|------------------|

10/825,951

04/16/2004

Douglas Alan Martin

213828003US10

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EXAMINER

SHAPIRO, JEFFERY A

ART UNIT

PAPER NUMBER

3653

MAIL DATE

DELIVERY MODE

01/11/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

**SUPPLEMENTAL  
Notice of Allowability**

Application No.

10/825,951

Examiner

Jeffrey A. Shapiro

Applicant(s)

MARTIN ET AL.

Art Unit

3653

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 12/18/06.
2. ☒ The allowed claim(s) is/are 68-84.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some\* c) ☐ None of the:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.  
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached  
1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.  
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.  
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date 12/18/06
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
**PATRICK MACKEY**  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 3600

## **SUPPLEMENTAL ACTION**

### ***Information Disclosure Statement***

1. The information disclosure statement (IDS) and references submitted on 12/18/06 have been considered. The reasons for allowance filed previously have not been changed in view of these references and is reproduced below.

### **SUPPLEMENTAL REASONS FOR ALLOWANCE**

2. These comments are made in addition to the remarks in Applicant's specification and arguments, concerning the manner in which the invention distinguishes from the art discussed therein. The Examiner relies in part on the allowable subject matter of parent issued patent (US 6,196,371 B1).

Regarding Independent Claim 68, the Examiner notes that the prior art does not disclose or suggest the claimed combination including particularly a coin counting machine having a coin input region configured to receive a plurality of randomly oriented coins, a coin sensor with a magnetic core having opposing end portions defining a gap through which coins move, said sensor further having a high frequency winding and a low frequency winding coupled to the core, with the high frequency winding closer to at least one of the end portions than the low frequency winding, said coin counting machine further having a communication facility operably connected to a processing device configured to receive coin data from the coin sensor. The prior art lacks this structure or anything equivalent to it.

Independent Claim 76 discloses substantially the same apparatus, except that a voucher output facility that outputs a redeemable voucher replaces the communication facility of Claim 68.

The closest prior art includes Leibniz et al (US 5,579,887) and Okada (US 4,556,140). Leibniz discloses a core (24) that does not have two ends that form a gap. Okada discloses a core (6) having two ends that form a gap with a high frequency coil (8) (supplied with AC current) and a low frequency coil (9), but each coil is the same distance from at least one of the ends.

Additionally, the prior art submitted by Applicant in the IDS of 11/17/06 which is in the English language is found to not read on Applicant's claims allowed 8/17/06. These references also do not exhibit a core that has two ends forming a gap with a high frequency winding closer to at least one of the end portions than the low frequency winding.

The foregoing is an Examiner's Statement of Reasons for Allowance.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jeffrey A. Shapiro whose telephone number is

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(571)272-6943. The examiner can normally be reached on Monday-Friday, 9:00 AM-5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Patrick H. Mackey can be reached on (571)272-6916. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

JAS



January 9, 2007



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